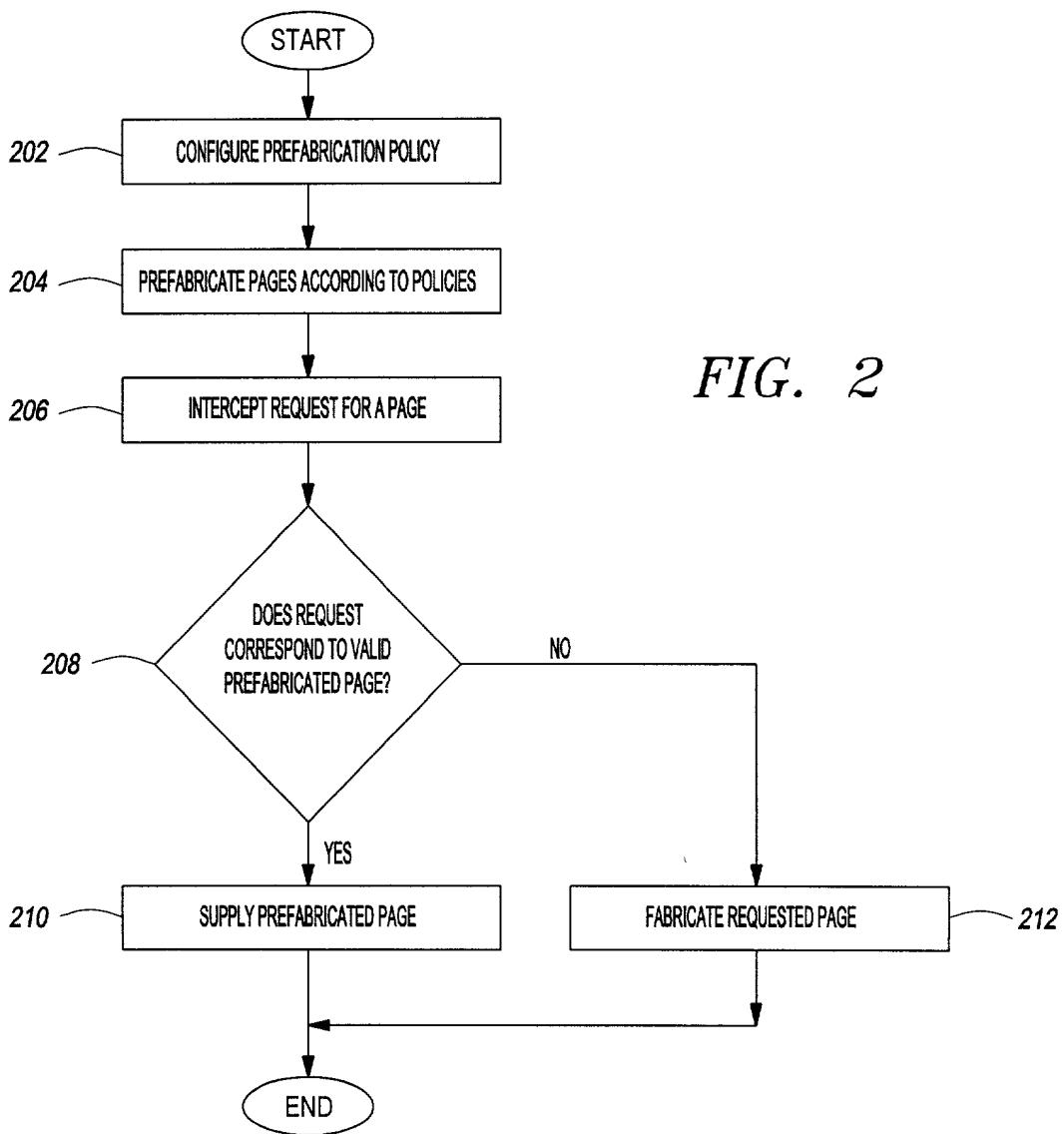


FIG. 1



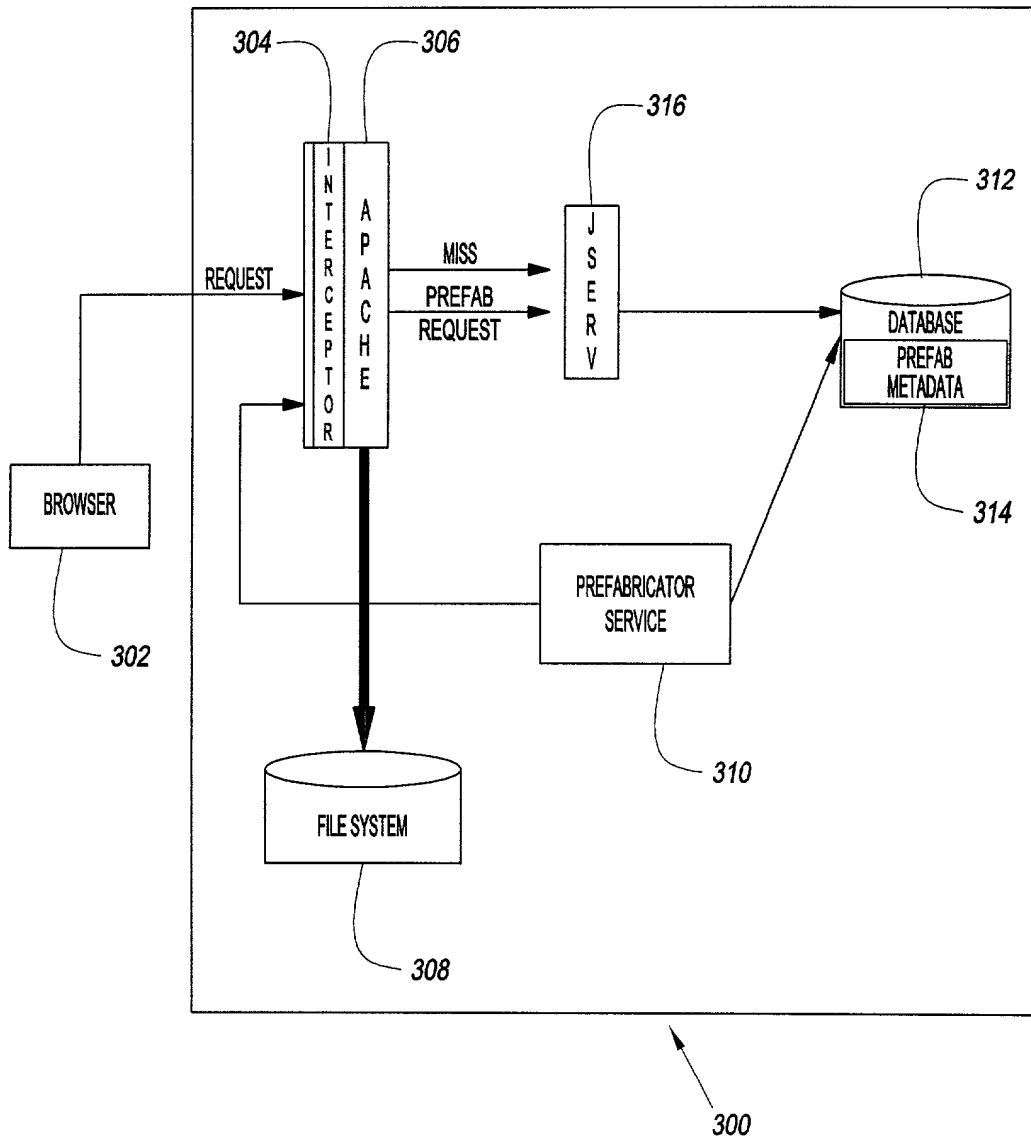


FIG. 3

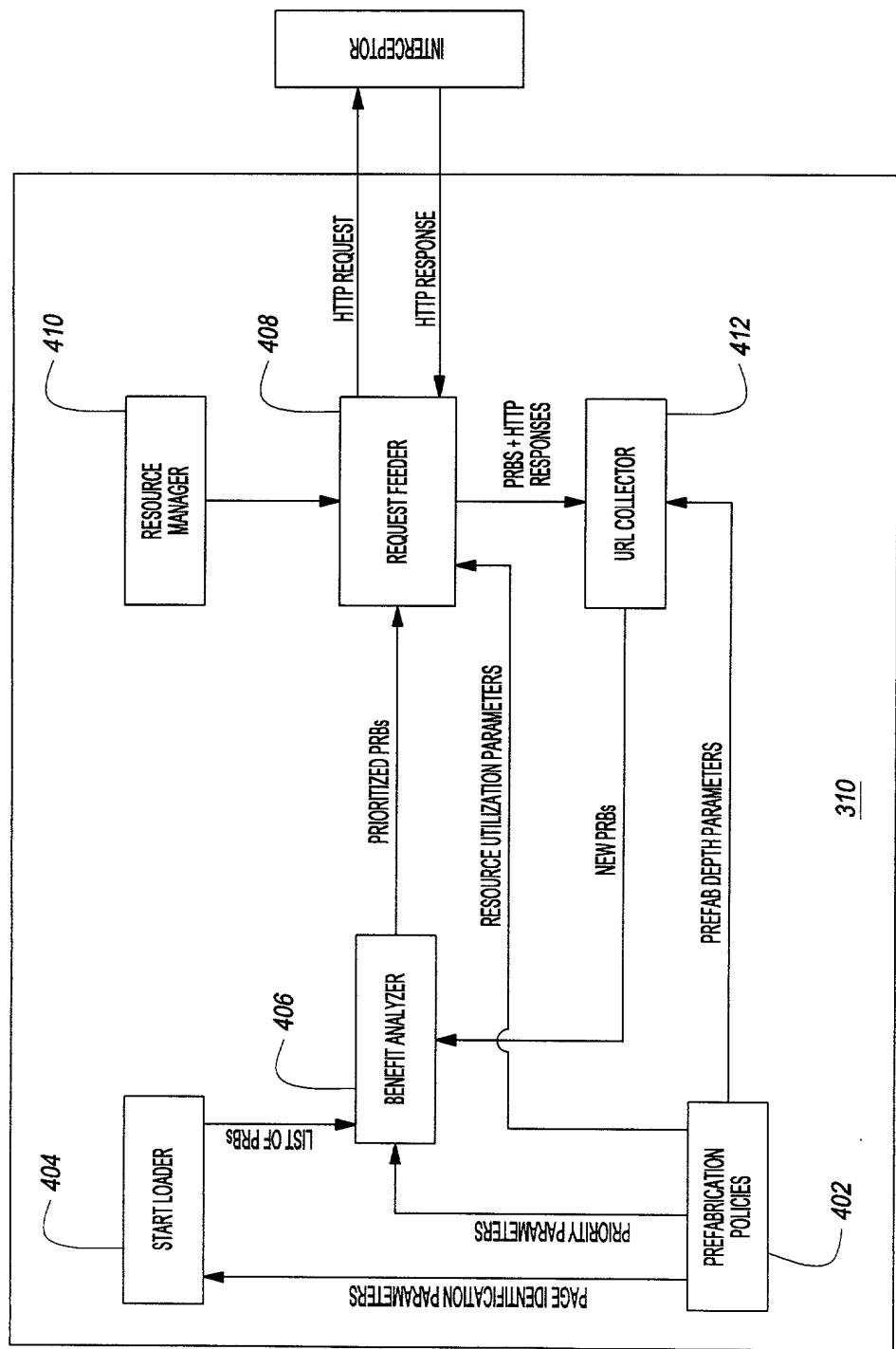


FIG. 4

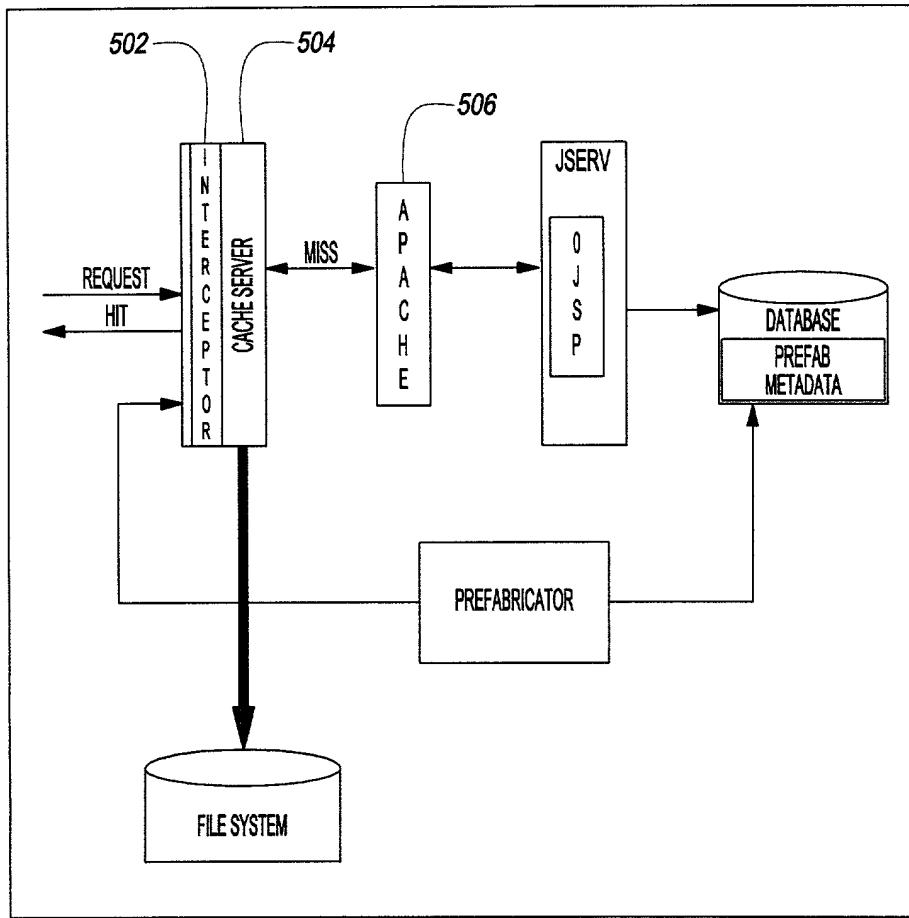


FIG. 5

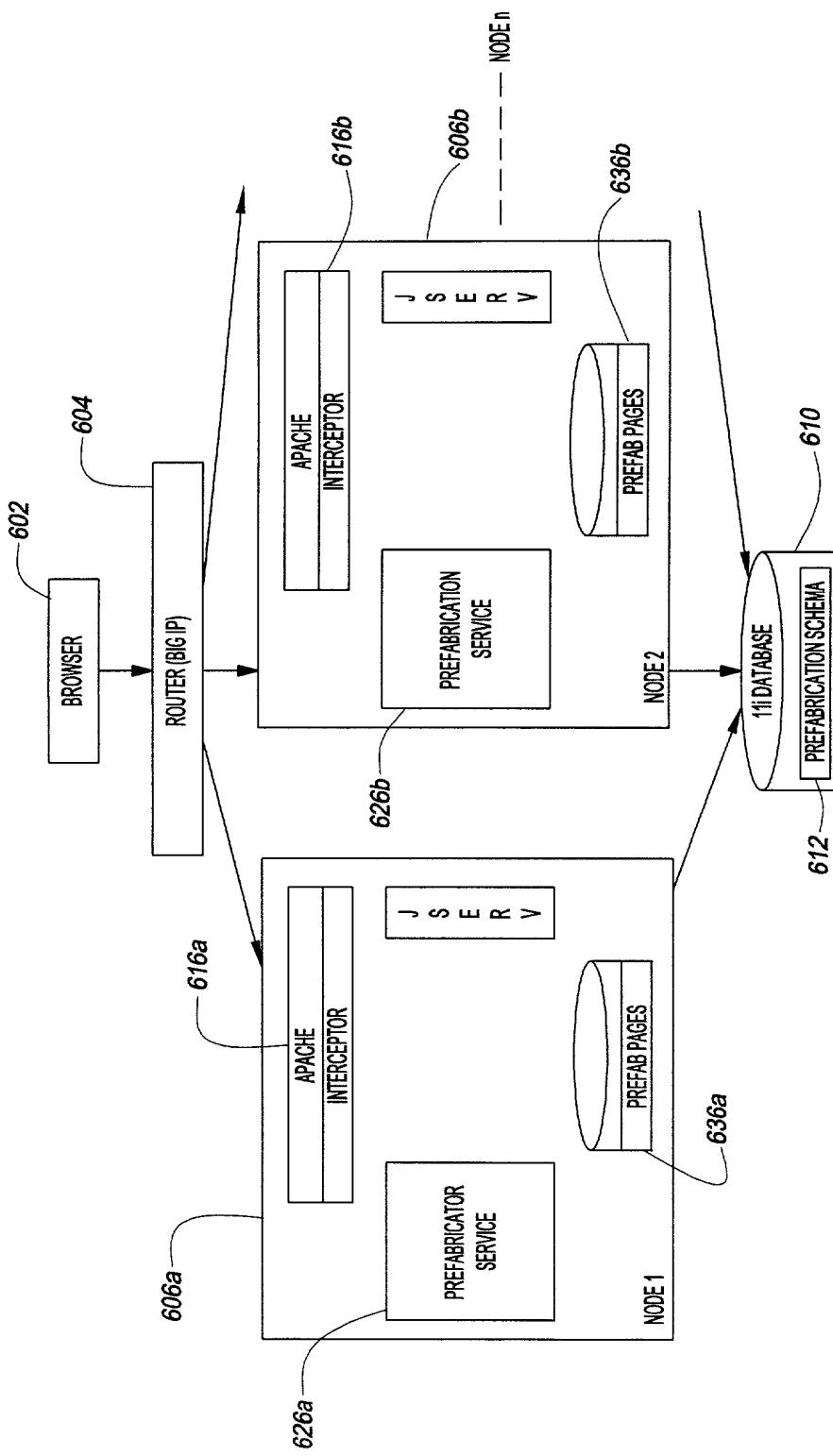


FIG. 6

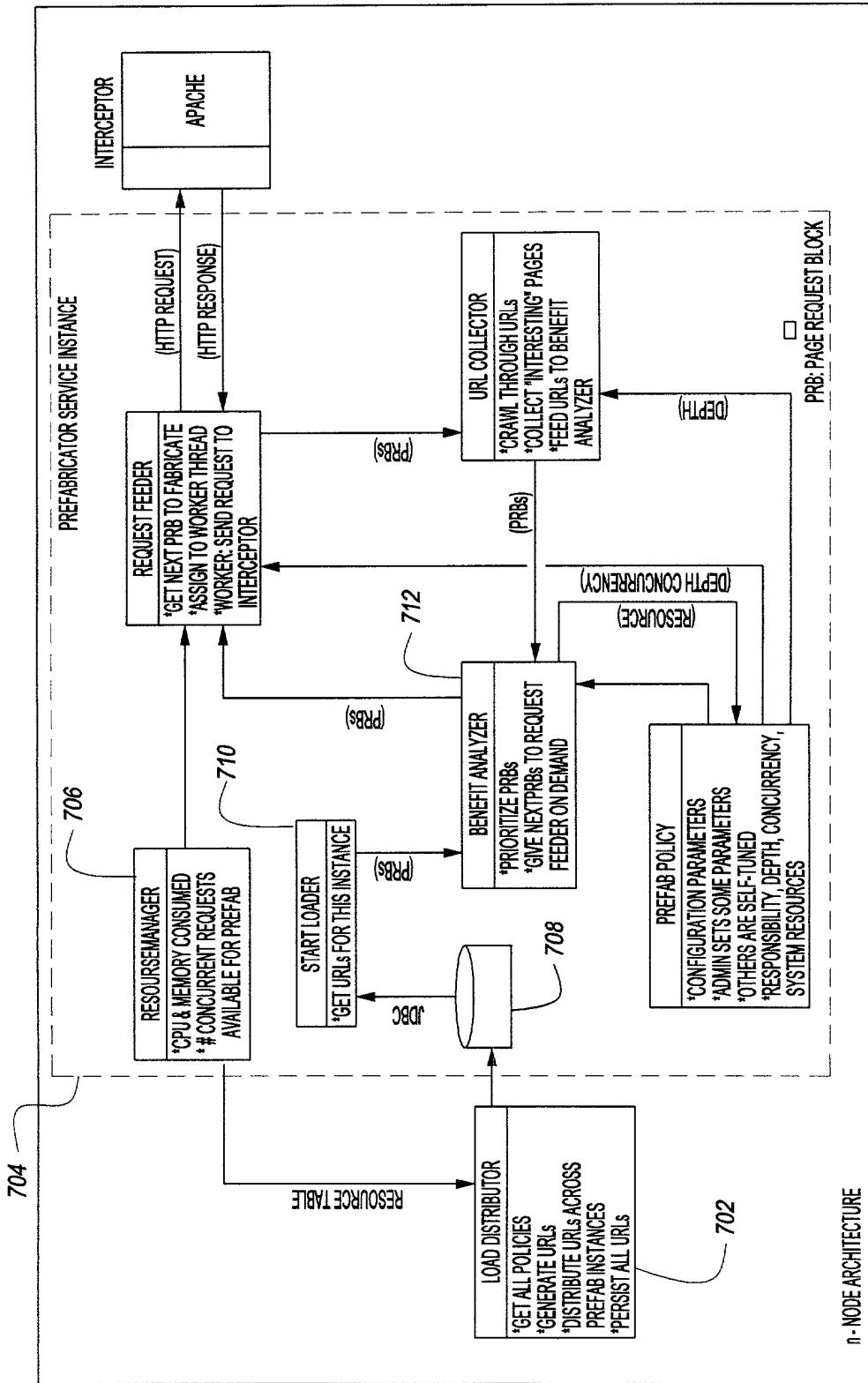


FIG. 7

ATTRIBUTE	DATA TYPE	DESCRIPTION
804 URI	STRING	URI THAT THE REQUEST REPRESENTS
806 USERID	INT	USERID OF THE USER THIS REQUEST BELONGS TO
808 APPID	INT	APPID THIS REQUEST BELONGS TO
809 RESPID	INT	RESPID OF THE USER THIS REQUEST BELONGS TO
810 DEPTH	INT	STARTING FROM THE HOME PAGE, THE NUMBER OF PAGES TO BE NAVIGATED BEFORE THIS URL IS REACHED. A PAGE IS AT DEPTH 0 IF IT IS THE USER'S HOMEPAGE, DEPTH 1 IF IT IS A PAGE THAT CAN BE REACHED DIRECTLY FROM THE HOME PAGE, ETC. LOGIN PAGE IS AT DEPTH -1.
812		
814 WEIGHT	LONG	WEIGHT ASSOCIATED WITH THIS PRB
816 HOMEPRB	PRB	PRB OF THE ENTRY PAGE TO THIS APPLICATION FOR THE USER
817 CHILDRENPRB	VECTOR (PRB)	ALL THE PRBS GATHERED FROM THIS PAGE
818 AVGGENERATIONTIME	LONG	AVERAGE PAGE GENERATION TIME
819 REFCOUNT	INT	NUMBER OF CHILDREN PRB THIS HAS
820		

FIG. 8

9/13

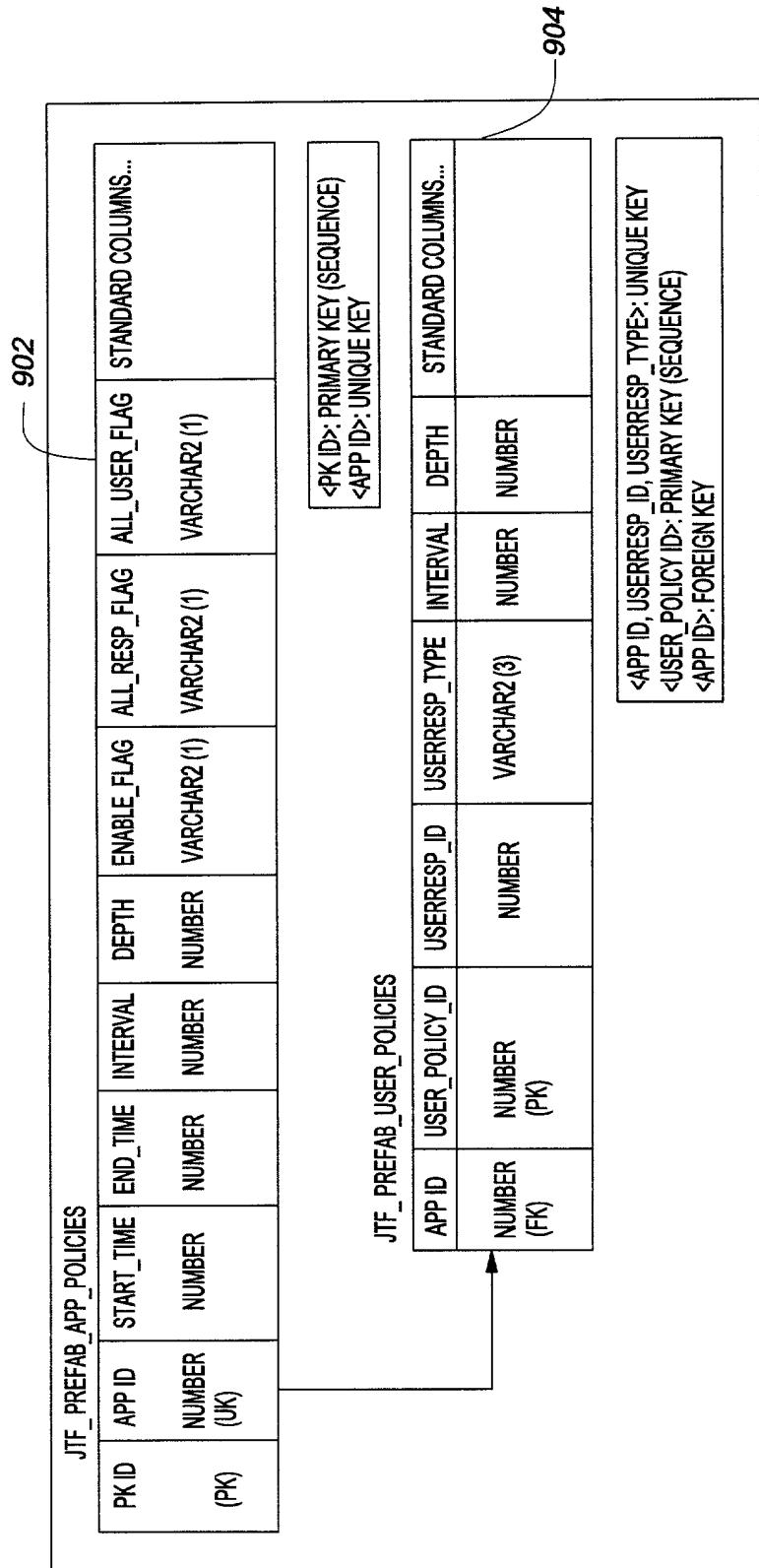


FIG. 9

INDEX TABLE	DESCRIPTION
WEIGHT INDEX	INDEXES PRBS ACCORDING TO THEIR WEIGHTS
DEPTH INDEX	INDEXES PRBS ACCORDING TO THEIR DEPTHS
URI SUBSTRING INDEX	INDEXES PRBS ACCORDING TO THEIR URI SUBSTRINGS. NOW, THE URI SUBSTRING IS DEFINED AS THE .JSP NAME OF THE PRB (E.G. JTFAVALD.JSP).
ID INDEX	INDEXES PRBS ACCORDING TO THEIR APPID, RESPID, USERID COMBINATION.
URI INDEX	INDEXES PRBS ACCORDING TO THEIR URI. SINCE THIS ATTRIBUTE IS ALWAYS UNIQUE, THE DATA STRUCTURE OF THIS INDEX IS A SIMPLE HASHTABLE OF PRBS, INSTEAD OF A HASHTABLE OF VECTORS.

FIG. 10

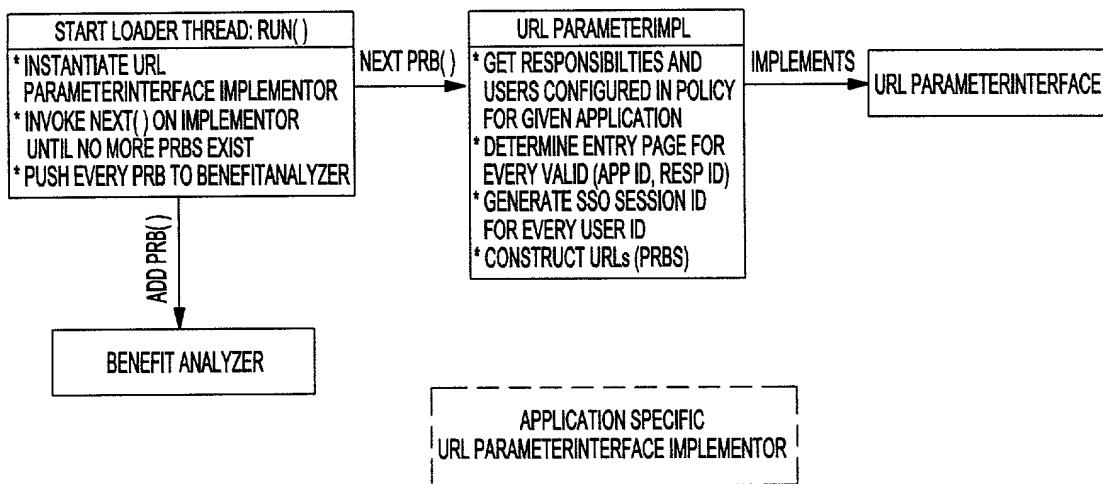
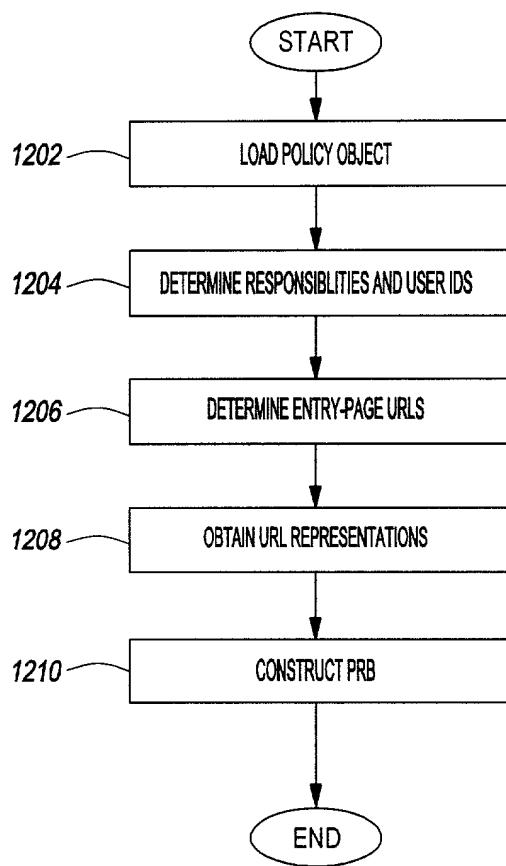


FIG. 11



*FIG. 12*

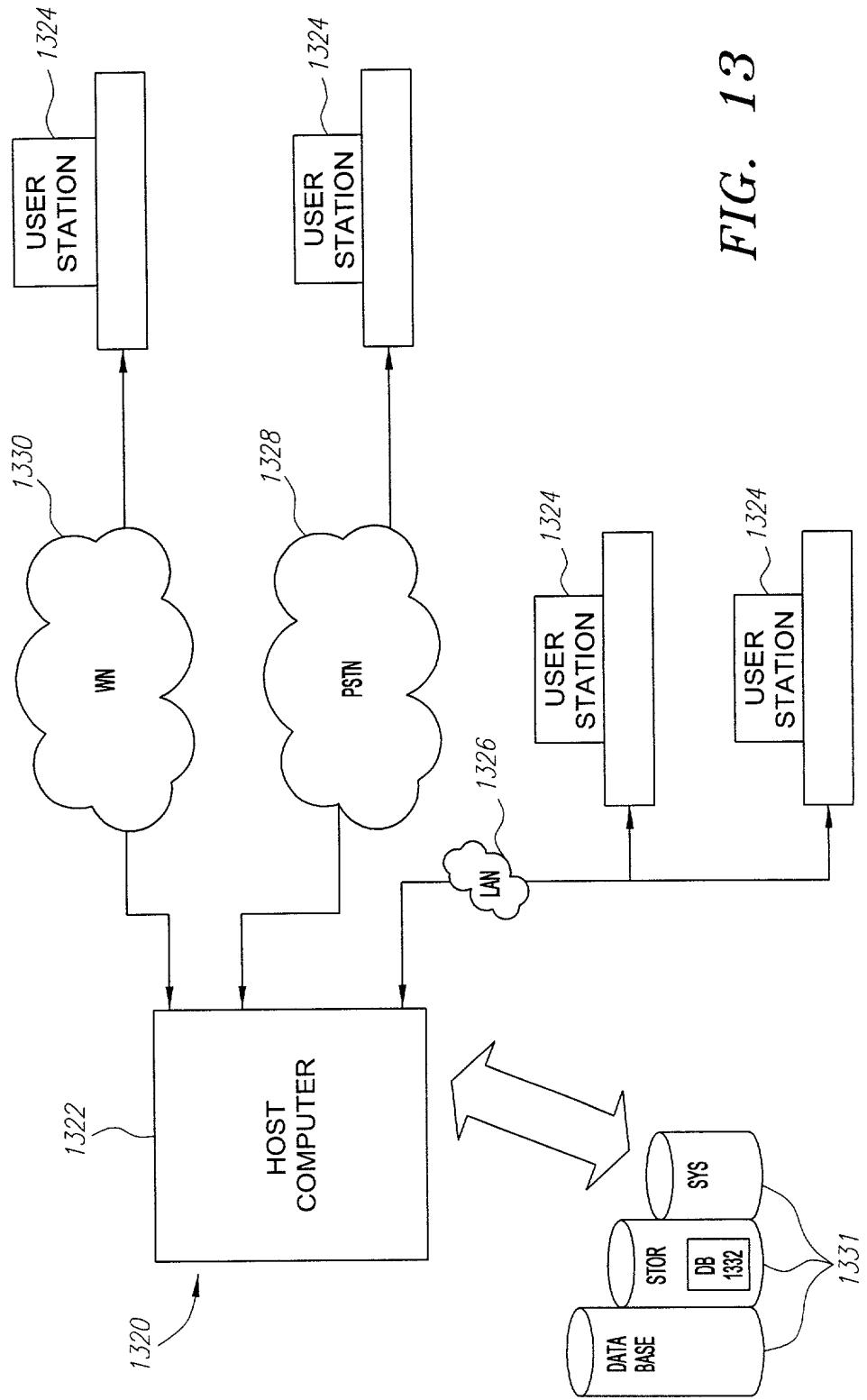


FIG. 13

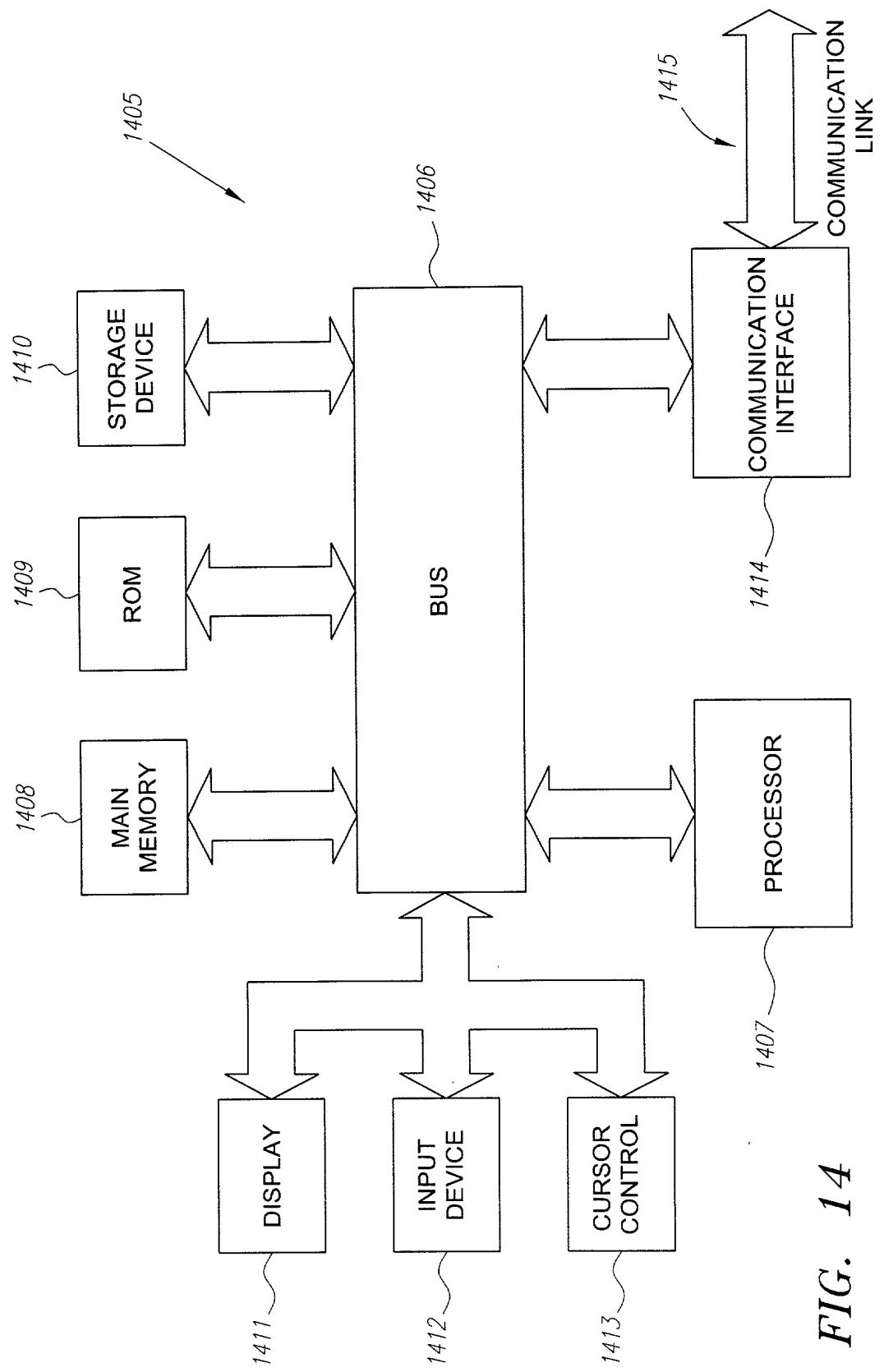


FIG. 14